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PATENT

JUL 19 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
RESPONSE TRANSMITTAL

In re Application of:

McIntosh et al
FLUID OXYGENATOR WITH ACCESS PORT
09/559,452
04-27-2000

Serial No.:
Filed:

CERTIFICATE UNDER 37 CFR §1.8 I hereby certify that this **Response Transmittal** and the paper(s), as described herein are being deposited with the United States Postal Service, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 16th day of July, 2004.

Barbara J. Lakanen
Signature
Barbara J. Lakanen
Printed Name

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

- Response and Amendment Transmittal
 Associate Power of Attorney
 Response and Amendment-partial to meet noncompliant requirement
 Return Postcard

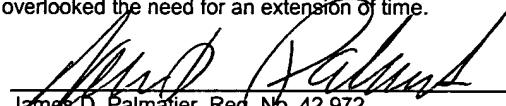
FEE CALCULATION:

FEE CALCULATION	No. of Claims Filed After Amendment	No of Claims Previously paid for	No. of Extra Claims	Rate	Fee
Total Claims	20	25		x 18	
Independent Claims	3	3		x 84	
Multiple Dependent Claims				+ 280	
TOTAL					

- Applicant hereby petitions for 1 months' extension of time. If an additional extension of time is required, please consider this petition therefor.
- Please charge Deposit Account No. 13-2546 0.00 for new claims and \$110.00 for extension of time for a **TOTAL OF \$110.00**
- Please charge any additional fees or credits to Deposit Account No. 13-2546 which may have been overlooked on this Amendment Transmittal with regard to this filing. A duplicate of this transmittal is enclosed.
- Applicant believes that no extension of time is required. However, if an extension of time is required, please consider this a petition therefor to provide for the possibility that applicant has inadvertently overlooked the need for an extension of time.

Date

7/16/04


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25. (Amended) A fluid oxygenating apparatus comprising:

- a housing defining a chamber;
- a core positioned within and operatively attached to the housing, the core including a manifold formed therein;
- a fiber bundle positioned around the core; and
- a bubble release port positioned adjacent between the fiber bundle and a top end of the housing and communicating with a top end of the manifold; wherein fluid is flowed through an inlet of the manifold and out at least one opening formed in a top of the core and through the fiber bundle and through an outlet in the housing while bubbles are released through the bubble release port prior to flowing through the fiber bundle.